



What's New

The Safety CBU welcomes Chimai Ngo to the Office of Safety Programs. Chimai will be working with the Local Technical Assistance Program to help identify the safety needs of local government agencies and tribal governments. In addition, Chimai will work on speed management issues and assist the office in the Safety in Planning Initiative. Before coming to Safety, Chimai was a Transportation Planner in Federal Lands, and prior to that, a Transportation Planner in the Planning and Environment CBU.

Harri Kalla has joined the Office of Safety Design. Harri will lead the Headquarters' activities for the development and implementation of a National Intersection Safety agenda. Harri comes to the Safety CBU from the New York State Department of Transportation, Buffalo District. While at the NYSDOT, Harri served as Design Manager, Project Developer, and Design Engineer. In his latest position as Design Manager, Harri was responsible for the planning and development, in all phases of design, of transportation projects. As a result, he worked extensively with government officials, consulting engineers, and others in the public and private sector.

Also new to the Office of Safety Design is **Craig Allred**. Craig will provide leadership for the development and implementation of FHWA's Highway Safety Plan (Section 402) responsibilities. Craig has over 20 years of experience in advancing highway safety through the States' highway safety program. Most recently, he was the Utah Governor's Highway Safety Representative and President of the National Association of Governors' Highway Safety Representatives. Craig is no stranger to the Washington scene. He was selected by NHTSA to participate in its executive loan program. Craig made such an outstanding contributions that NHTSA extended his assignment for an additional year. He has worked extensively with the public, government officials, elected officials at the local, State, and Federal levels, and others in the public and private sector.

Kristine Leiphart will be joining the staff of the Office of Safety Program Integration and Delivery at the end of July. Kristine will be taking the lead responsibility for the development and continuing improvement of training, education, and professional development programs and resources available to the safety community. With her work to create an overall framework of training and development programs for safety professionals, both within FHWA and among our partners and customers, she will be reaching out to many of you for your views and perspectives.

Kristine joins us from the Rand Corporation in southern California. Previously she was with the Southern California Association of Governments. She has experience working with state and local transportation issues, especially freight and regional planning activities, and has worked extensively with a wide variety of governmental and citizen organizations within these positions. She also is active with several TRB committees, and has a strong background in logistics management.

Additionally, the Midwestern Resource Center is pleased to announce a new member of the Safety and Operations Team. **Fred Ranck, P.E., P.T.O.E.**, has been hired for the Safety/Geometric Design Engineer position. His experience includes a 12-year history as City Traffic Engineer for the 4th largest municipality in Illinois, 6 years as Manager of the Highway Traffic Safety Department of the National Safety Council, and 11 years as County Traffic Engineer for DuPage County, the 2nd largest county in Illinois.

Other than our personnel additions, what else is new you ask? Read on ...





What's New (continued)

National Stop on Red Week now takes place during the first full week of September every year, going from Saturday to Friday. This year it will be September 1 - 7, 2001. One of the principle means of capturing the public's attention and mobilizing resources to combat red light running is National Stop on Red Week. This is an annual event that provides local communities with the opportunity to tie their message in with the national program in order to expand the results of their efforts. To learn more about **Stop on Red Week** visit <http://safety.fhwa.dot.gov> or contact Patrick.Hasson@fhwa.dot.gov

A black & white tri-fold brochure has been created to help get the word out about "**Put the Brakes on Fatalities**" Day – **October 10, 2001**. A PDF version of the brochure is available on the FHWA Safety website <http://safety.fhwa.dot.gov/media/brochures.htm>. This first ever "Put the Brakes on Fatalities" day will focus on traffic safety with the goal of zero traffic fatalities on that day. Help make this goal a reality by printing and distributing this brochure to the entire highway safety community and drivers everywhere!

Human Factors Workshops for Transportation Engineers Summer/Fall Schedule

August 2, Kentucky, contact Terry Chism 505-223-6750
August 29 & 30, Virginia, contact Becky Crowe 804-775-3381
September 18, 19 & 20, Georgia, contact Dana Robbins 404-562-3642

The "Rumble Strip Synthesis Study" and **Draft** FHWA Technical Advisory is now posted on the Safety Web site <http://safety.fhwa.dot.gov>

The HITEC report "**Summary of Evaluation Findings for 30-Meter Handheld and Mobile Pavement Marking Retroreflectometers**" is available for downloading at the HITEC website: <http://www.cerf.org/HITEC/NEWS/REPORTS.HTM>
(Report number 40525) The findings were published to help users make purchasing decisions.

National Highway Safety Awards Update. A Blue Ribbon panel of judges convened on June 26, 2001 to formally review the entries received in response to the call for nominations for the National Highway Safety Awards. The panel had received advance copies of the nominations and supporting documentation 2 weeks prior to the judging to allow for maximum evaluation time. Award recipients will be formally announced this Fall.



Ongoing Safety Programs...

Review of Highway Safety Improvement Programs - A team consisting of representatives from the Office of Safety (Ken Epstein and Carl Hayden) and the field (Gary Corino and Don Neumann) has completed a review of highway safety improvement programs in six States: Delaware, Oregon, Connecticut, Florida, Ohio and Iowa. The purpose of this review was to determine how the States were carrying out the Highway-Rail Grade Crossings and Hazard Elimination Programs and to identify good practices being carried out. The review was highly successful and a number of good practices were identified. The review team will be preparing a report on its findings and sharing them with the field. (Ken Epstein, 202-366-2157)





Ongoing Safety Programs (continued)

SPEED MANAGEMENT: FHWA and NHTSA, through the USDOT Speed Management Team, will be sponsoring field operational tests on speed setting and enforcement in FY 2001. Three or more cooperative agreements are anticipated to evaluate the effectiveness of a "three E's" (engineering, enforcement, education) approach to address speeding. The demonstration projects will encourage re-evaluating posted speed limits through rigorous engineering studies, strictly enforcing revised speed limits, and educating the community and the judiciary on the whys and hows of the program. (Beth Alicandri 202-366-6409)

Restoring Credibility to Speed Setting: Engineering, Enforcement & Educational Issues is now available on the FHWA Speed Management Website (<http://safety.fhwa.dot.gov/programs/speedmgnt.htm>). This report is based on the findings of two FY 2000 workshops sponsored by the USDOT Speed Management Team. The workshops brought together critical engineering, enforcement, and judiciary personnel to discuss the multi-disciplinary aspects of managing speed. A "planning guide" for others who want to sponsor multi-disciplinary speed management workshops is under development. (Beth Alicandri, 202.366.6409).

ROAD SAFETY AUDITS: Is a process wherein a team of independent experts identifies unsafe roadway conditions during project design or on existing roads. See the report of the International Scanning Team <http://www.international.fhwa.dot.gov/pubs.cfm>. Also see <http://www.roadwaysafetyaudits.org>. A training course will be available soon. (Fred Small 202.366.9212)

RED LIGHT RUNNING: "Synthesis and Evaluation of Red Light Running: Automated Enforcement Programs in the United States" is available at <http://safety.fhwa.dot.gov/stoprlr>. (Pat Hasson 708.283.3510)

GRADE CROSSING SAFETY: The Railroad Safety Statistics Annual Report for 1998 is available at <http://safetydata.fra.dot.gov/officeofsafety/publication.htm>.

OPERATION LIFESAVERS expands web site, plans new safety campaign <http://www.oli.org> (Fred Small 202-366.9212).

PEDESTRIAN SAFETY: Pedestrian/Bicyclist Safety Resource Set CD-ROM (FHWA-SA-00-005) contains information on how to improve pedestrian and bicyclist safety in communities across the nation. It includes information on facility design, planning, guidelines, good practices, and tools to aid in countermeasures development. This CD is intended for safety practitioners and other advocates who want to create "walkable/bikeable" communities. The Gold Camera Award-winning "Safer Journey- Interactive Pedestrian Safety Awareness" CD-ROM (FHWA-SA-00-009) is an interactive CD that takes the user through various pedestrian safety scenarios. It has been developed to improve the level of pedestrian knowledge for all road users and safety practitioners. <http://safety.fhwa.dot.gov/programs/pedbike.htm>. Levenson Boodlal 202-366-8044)

CRASHWORTHINESS OF ROADSIDE SAFETY HARDWARE: After October 1, 1998, the FHWA adopted NCHRP Report 350 crash test criteria for all roadside hardware used on the National Highway System and work zone hardware Oct. 1, 2000. See <http://safety.fhwa.dot.gov/programs/roadsidehardware.htm>.

This site provides information on accepted devices and related FHWA policies. (Richard Powers 202.366.1320 Permanent and Temporary Barriers, Terminals, Bridge Railings/Transitions, and Crash Cushions) (Nicholas Artimovich 202.366.1331, Work Zone Devices, Sign Supports, and Poles).





Ongoing Safety Programs (continued)

SEAT BELT SAFETY: The FHWA supports the Buckle Up America campaign for increasing seat belt use nationwide. This campaign focuses on building public-private partnerships, enacting strong legislation, maintaining active, high-visibility law enforcement and conducting effective public education. (Shirley Thompson 202.366.2154) <http://www.nhtsa.dot.gov/people/injury/airbags/buckleplan>

NATIONAL WORK ZONE SAFETY INFORMATION CLEARING HOUSE: The Clearinghouse provides a single contact for information and technical assistance concerning the safe and effective operation of work zones. Clearinghouse: 888.447.5556 Fax: 409.845.0568. <http://wzsafety.tamu.edu>. (Ann Walls 202.366.6836).

WORK ZONE SAFETY: Transportation agencies have identified their best practices/policies for minimizing delay and enhancing safety during construction and maintenance operations. See Report at <http://ops.fhwa.dot.gov/wz/bestprac.htm>.

WORK ZONE SAFETY NETWORK: More than 30 highway and safety organizations are working together to improve driver awareness of the hazards encountered when driving through work zones. See <http://safety.fhwa.dot.gov> for more information. (Michael Robinson 202-366-2193).

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD): The MUTCD contains standards and guidance for the design and use of signs, pavement markings, and traffic signals. The millennium edition of the MUTCD was published in December 2000. The entire manual is available at <http://mutcd.fhwa.dot.gov>. (Ernie Huckaby 202.366.9064)

INTELLIGENT TRANSPORTATION SYSTEMS (ITS): The FHWA, Safety Core Business Unit (CBU) is involved in many aspects of ITS development, including Field Operational Tests. Major Safety CBU efforts currently include Variable Speed Limits, Pedestrian ITS, ITS Archived Data User Service (ADUS), Highway-Rail Crossing ITS, Intelligent Vehicle Initiative (IVI) cooperative and independent infrastructure ITS, and ITS Safety Program Assessments and Resources. (Larry J. Brown, 202.366.2214)

TRANSPORTATION SAFETY INFORMATION MANAGEMENT SYSTEMS (TSIMS): The FHWA and NHTSA are working with AASHTO to develop a software package for safety information management systems. The system design and a prototype will be completed by mid 2001. The system will take advantage of existing analysis and data capture systems and will facilitate safety analysis data by linking different safety-related data. (Carl Hayden 202.366.2176)

IOWA NATIONAL MODEL: Iowa has created a model public safety information system for data collection and management.

A software package has been developed for free distribution to public agencies that wish to upgrade existing and new data collection forms. <http://dot.state.ia.us/natmodel> (David Smith 202.366.6614)

INTERNATIONAL ASSOCIATION OF CHIEFS

OF POLICE (IACP) CLEARINGHOUSE: The clearinghouse provides agency managers with information on automation projects to help them make more informed decisions on what technology to purchase and use for the collection and distribution of traffic crash data. <http://www.iacptechnology.org> (David Smith 202.366.6614)





Ongoing Safety Programs (continued)

SAFETY PERFORMANCE OF RURAL TWO-LANE HIGHWAYS

A report titled **Prediction of the Expected Safety Performance of Rural Two-Lane Highways** that documents the algorithm for predicting the safety performance of rural two-lane highways is now available. The algorithm estimates the effect on safety performance of roadway segment parameters including lane width, shoulder width, shoulder type, horizontal curves, grades, driveway density, two-way left-turn lanes, passing lanes, and roadside design, and of intersection parameters including skew angle, traffic control, exclusive left- and right-turn lanes, sight distance, and driveways. The algorithm enables highway agencies to estimate the safety performance of existing or proposed highways and to compare the safety performance of geometric design alternatives.

The algorithm forms the basis for the Crash Prediction Module of the Interactive Highway Safety Design Model (IHSDM). The software for the Crash Prediction Module is currently under development. Beta testing of the software will begin in early 2002. Please contact Michael Griffith at mike.griffith@fhwa.dot.gov or (202) 493-3316 to obtain a copy of the report. A PDF version of the report can be obtained at <http://www.tfhrc.gov/safety/99207.htm>. For general information about IHSDM, please contact Ray Krammes at ray.krammes@fhwa.dot.gov or (202) 493-3312.

EVENTS AND MEETINGS		
Dates	Location	Event
July 15 – 18	Scottsdale AZ	WASHTO Annual Meeting
July 17 – 19	Denver CO	Safety Leadership Workshop
July 29 – August 1	New Orleans LA	International Traffic Records Forum
July 29 – August 2	St. Petersburg FL	International Symposium on Transportation Technology Transfer
August 19 – 22	Chicago IL	Institute of Transportation Engineers (ITE) Annual Meeting
September 1 – 7	Nationwide	Stop on Red Week
September 9 – 12	Philadelphia PA	International Public Works Congress & Expo
September 10 – 14	Nationwide	Drive Safely Work Week , sponsored by the Network of Employers for Traffic Safety (www.trafficsafety.org)
September 21 – 28	Atlanta GA	National Safety Council Congress & Expo
October 10	Nationwide	Put the Brakes on Fatalities Day
October 10 – 13	Houston TX	American Society of Civil Engineers Conference & Expo
October 11 – 13	Long Beach CA	National Association of Women Highway Safety Leaders Annual Conference
October 14 – 17	Long Beach CA	National Association of Governors' Highway Safety Representatives Annual Meeting
October 27 – 31	Toronto Canada	International Association of Chiefs of Police Annual Meeting
November 14 – 16	Milwaukee WI	Intersection Safety Workshop
November 26 – 28	Hilton Hawaiian Village	Hawaii Traffic Safety Forum





Resources

SPEED MANAGEMENT EXHIBIT AND HANDOUTS present national data on speeding-related fatalities by road functional class. Handouts examine rural versus urban speeding data and provide a historical perspective. (Beth Alicandri 202.366.6409)

SAFETY MANAGEMENT SELF-ASSESSMENT: This is a tool to enable States to evaluate their safety management processes. This self-assessment combines previous guidance on safety management with the seven quality principles of the Malcolm Baldrige National Award criteria. (Ken Epstein 202.366.2157 or

HUMAN FACTORS FOR TRANSPORTATION ENGINEERS WORKSHOP: One-day workshop includes specific discussion of highway standards as they relate to driver needs. Human skills and capabilities are discussed and demonstrated and case studies are included. (Beth Alicandri 202-366-6409).

Upcoming Workshops

August 2, Kentucky, contact Terry Chism, 505-223-6750

OLDER DRIVER HIGHWAY DESIGN: The Design Handbook, and a one-day workshop are available. The handbook is available at <http://www.tfhrc.gov>. A revised Handbook and training course will be completed by July, 2001. (Dave Smith 202.366.6614)

Child Safety Website provides a list of new child restraints and features; new vehicles and child safety features; tips for installing and using child safety restraints; and child seat help (fitting/inspection stations and technician contacts). <http://www.nhtsa.dot.gov/people/injury/childps/>

ROAD USER GUIDE helps drivers understand the traffic control devices and regulations in Canada, Mexico, and the US. Differences and similarities are depicted. (Ernie Huckaby 202.366.9064)

THE MODEL MINIMUM UNIFORM CRASH CRITERIA (MMUCC) is cited in TEA-21 as one of the factors to be considered in applications for safety improvement grants. While it is voluntary, the States are encouraged to use it when revising and updating their traffic crash reports. <http://www.nhtsa.dot.gov> (People Safety/Crash Information/ MMUCC). Hard copies are available. (Carl Hayden 202.366.2176)

READ YOUR ROAD BROCHURE: A digitized camera-ready copy is available. The FHWA is seeking partners to assist in printing and distributing. The content of Read Your Road is available at <http://safety.fhwa.dot.gov/media/ryr.htm> (Ann Walls 202.366.6836)

MOVING SAFELY ACROSS AMERICA CD is designed for the general public. Users can interact with and experience various aspects of highway safety, and test their understanding of these topics. (Ann Walls 202.366.6836) now on the web at <http://safety.fhwa.dot.gov>.

Apple iMAC Moving Safely Across America Kiosk, tabletop display, and locker magnets available for outreach activities by contacting FHWA Resource Centers. Contacts are: Eastern RC, Dean Larsen, 410-962-2372; Midwestern RC, Pat Hasson, 708-283-3595; Southern RC, Frank Julian, 404-562-3689; and Western RC, Keith Harrison, 415-744-2657.

SPANISH VERSIONS OF EVERYONE IS A PEDESTRIAN BROCHURES teach pedestrians how to navigate through work zones, understand pedestrian signs and signals, and how to navigate around large trucks. Pedestrian Safety Exhibit & Information Center. <http://www.bicyclinginfo.org> and <http://www.walkinginfo.org> (Tamara Broyhill 202.366.4077).



**Resources (continued)**

AASHTO HIGHWAY SAFETY DESIGN AND OPERATIONS GUIDE (The "Yellow Book") serves as a primary tool to identify potential safety problems and describes ways to eliminate safety problems or reducing crash severity. <http://www.aashto.org>. (Carl Hayden 202.366.2176)

AASHTO STRATEGIC SAFETY PLAN The goal of this comprehensive plan is to substantially reduce vehicle-related fatalities and injuries on our Nation's highways. The plan includes the traditional AASHTO concerns for "infrastructure" as well as the driver, occupant, vehicle, and post-crash responsibilities. <http://www.aashto.org>. (Rudy Umbs 202.366.2177)

NIGHT LIGHTS VIDEO takes a non-technical look at how retroreflectivity saves lives. A variety of situations and conditions are presented through the eyes of different motorists: teens, soccer moms, and older drivers. (Peter Hatzi 202-366-8036)

Office of Highway Safety

Goal: To continually improve highway safety by reducing the number (20 percent in ten years) of highway fatalities and injuries including large trucks (50 percent in ten years). Ensuring safe travel on highways is a guiding principle throughout the FHWA.

Focus: High-risk areas through technical assistance, research, training, data analysis, and public information as well as through compliance and education. The FHWA is working with safety partners to heighten safety awareness within the highway community, business, industry, and the Public.

Top Priorities: Run-off-road crashes, Pedestrians, Speed Management, and Intersections.

FOR MORE INFORMATION, see TEA-21 Key Information fact sheets

To Order FHWA Publications, please contact the FHWA Report Center
Phone: 301.577.0818 / Fax: 301.577.1421, FHWA Safety Office: 202.366.2288

